p1105: Factoring when $a = $ prime (v11)

1. Factor the expression $11x^2 + 19x + 8$

$$(11x + 8)(x + 1)$$

2. Factor the expression $3x^2 - 16x + 21$

$$(3x - 7)(x - 3)$$

3. Factor the expression $3x^2 - 26x + 48$

$$(3x - 8)(x - 6)$$

4. Factor the expression $2x^2 + 21x + 27$

$$(2x + 3)(x + 9)$$

5. Factor the expression $5x^2 + 29x + 20$

$$(5x + 4)(x + 5)$$

6. Factor the expression $7x^2 - 55x + 42$

$$(7x - 6)(x - 7)$$

7. Factor the expression $5x^2 + 17x - 12$

$$(5x - 3)(x + 4)$$

8. Factor the expression $11x^2 - 85x + 56$

$$(11x - 8)(x - 7)$$

9. Factor the expression $7x^2 - 12x - 4$

$$(7x + 2)(x - 2)$$

10. Factor the expression $11x^2 + 84x + 49$

$$(11x + 7)(x + 7)$$